

19981224.ba v02\_n350.bam.981224

>From ???@??? Sat Dec 26 11:59:02 1998  
Message-Id: <199812241816.MAA10424@sco.theporch.com>  
Date: Thu, 24 Dec 1998 12:14:49 CST  
Subject: BOATANCHORS digest 2350

BOATANCHORS Digest 2350

Topics covered in this issue include:

- 1) HAMMARING ON HAMMARLUND  
by JOHN\_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 2) Re: NEUTRALS  
by Morris Odell <morriso@vifp.monash.edu.au>
- 3) Digital Display  
by JIM\_ALLEN@HP-Cupertino-om5.om.hp.com
- 4) EFJ Matchbox  
by "Allan D. Fritsche" <fritsche@email.msn.com>
- 5) PMR-8 Trouble?  
by "Allan D. Fritsche" <fritsche@email.msn.com>
- 6) Re: EFJ Matchbox  
by CEMILTON@aol.com
- 7) Re: HAMMARING ON HAMMARLUND  
by Jack Harper <jharper@bsi2000.com>
- 8) painting 19 inch rack panels  
by zeitler@ibm.net
- 9) Re: painting 19 inch rack panels  
by Al Parker <anchor@coastalnet.com>
- 10) Re: HAMMARING ON HAMMARLUND  
by Phil Mills <pmills@a.crl.com>
- 11) RE: painting 19 inch rack panels  
by "Ed Tanton" <n4xy@mindspring.com>
- 12) Re: EFJ Matchbox  
by "Arden Allen" <gumbear@pacbell.net>
- 13) Re: painting 19 inch rack panels  
by "Arden Allen" <gumbear@pacbell.net>
- 14) Johnson Receivers  
by "ROBERT F. KEMP" <rkemp@mr.net>
- 15) Some basic SP-600JX stuff now online  
by Tom Norris <badger@telalink.net>
- 16) Re: painting 19 inch rack panels  
by "Mike B. Feher" <n4fs@monmouth.com>
- 17) FL2100B Plate Choke Needed  
by ab5wg@vonl.com (Ron Eisenbrey)
- 18) FS: New Eimac 4CX1500B  
by "Gary F. Franklin" <franklin@net-link.net>
- 19) In case Santa's Martian

by polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)  
20) old transceivers ??  
by "anthony w. deprato" <tdeprato@som-uky.campuscw.net>  
21) RE: EFJ Matchbox  
by Ed Sieb <esieb@gmsiworld.com>  
22) Re: old xcvr / Jefferson Davis??  
by polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)  
23) Re: painting, the way it us'ta be.....  
by "Tom R. Rice" <tomrice@netcom.com>  
24) Radioactive Boatanchors  
by Lenox Carruth <carruth@geo-thermal.com>

-----  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit  
Date: Wed, 23 Dec 1998 16:33:37 -0500 (EST)  
Subject: HAMMARING ON HAMMARLUND  
To: Old Tube Radios <boatanchors@theporch.com>  
From: JOHN\_SEHRING.parti@ecunet.org (JOHN SEHRING)  
Message-ID: <9812231633.aa11166@pcusa01.ecunet.org>

> Nice remarks on Hammarlund. Like collins, gonset, drake,  
> hallicrafters, swan, clegg, johnson, wrl, national, didn't put out  
> LEMON's either.

Well, I think the HX-50 was the most egregious example of a just plain poor product that should not have been put on the market until it was reasonably trouble-free and at least somewhat capable of performing as intended and advertised.

The stability requirements for SSB were well known & the HX-50's VFO missed that by miles. 0.5-1 kHz of drift during each couple-of-minutes transmission is just plain silly & ridiculous--I'd have to retune after every one. Hammarlund knew about the problem but still continued to sell 'em. Just look at the volume of field bulletins & mods for it and the amount of changes in the A version.

The presumption is that the product will reasonably perform its intended function. There's just no excuse for this. The -50 VFO ran in the 6 MHz range so it could be much more easily optimized for stability. A 6 MHz VFO is not rocket science.

I spent a lot of time trying to reduce drift in the -50: VFO compartment heater, continuously on, DC reg'd fils, changed out TC caps with Hammar replacement parts, etc.

I never got to checking the temp coeff of the ferrite VFO tank coil. Also,

could have been the TC of the varactor diode in the VFO tank ct. It was used to keep tx on same freq when switching sidebands by moving the VFO freq when the carrier osc. was switched.

I used the -50A with a Halli SX-101A. I used it mostly on 10 M. The Halli LO oscillator runs at around 30 MHz on 10 m & its stability was much, much better than the -50! It's much harder to design a stable osc. at 30 MHz but Halli did it.

No, I'm not talking about expecting, say, Collins S-Line freq stability from the -50.

I don't think we're talking lemon in the usual sense of a single sample with a manufacturing defect but rather a \*design\* defect which will affect \*all\* samples of a product.

This product was the beginning of the end for Hammar, I believe they took a short- and long-term bath on this one. I suspect that not many -50 and -50A were ever made. They're much, much less seen than contemporaries, e.g. Halli HT-37, which were much more stable.

I lived with this -50A beast for 20 years so I do have some familiarity with it.

As far as other mfrs,...

I'm not aware of any Collins lemons, though their original receiver, the 75A was hastily modified to the 75A-1.

Gonset, well gooney boxes were gooney boxes. They made HF stuff too.

Drake never made anything less than first class for the money. The Drake "Twins" (R-4\* & T-4\*) were known as the poor person's Collins, that's a compliment!

Halli, very rugged, reliable, no field mods, few drawbacks.

Swan, some of it was headed for the CB market!

No personal experience with Clegg.

Johnson made & sold a lot of xmtrs. The AM/CW were good & delivered what was promised. Fell down toward the end with their SSB stuff.

WRL, well what you see (& pay for) is what you get! Dear Leo.

National stuff was a good value & very well made. You won't find flakey caps inside of IF cans & other such awful happenings. I'm not sure that

the NCX-\* series of SSB transceivers were completely trouble free though.

-John Sehring (12:39 pm Wed, Dec 23, 1998 at Custer, SD USA) ucc wb2eqg

-----  
Message-ID: <36816765.ADC46801@vifp.monash.edu.au>  
Date: Thu, 24 Dec 1998 08:57:57 +1100  
From: Morris Odell <morriso@vifp.monash.edu.au>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: NEUTRALS  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi all,

I generally don't like to post on off-topic subjects, but I can't help wondering why stuff like 6L6s and HRO dials etc were exported to anyone, let alone neutrals during the war. Surely they would have been classified or restricted in some way as essential war supplies.

> Selling them 6L6's and HRO dials helped them kill millions of innocent  
> people.

73 de Morris VK3DOC(much happier talking about the fun aspects of electronics!!)

-----  
From: JIM\_ALLEN@HP-Cupertino-om5.om.hp.com  
Date: Wed, 23 Dec 1998 15:17:01 -0800  
Message-Id: <H000030e0c38007b@MHS>  
Subject: Digital Display  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Content-Type: text/plain; charset=US-ASCII; name="cc:Mail"  
Content-Disposition: inline; filename="cc:Mail"  
Content-Transfer-Encoding: 7bit

I recently got a plug in digital display that went with a Yaesu FT-200 transceiver. It has a RCA jack on the back for input. Anyway to hook this up to a FTDX-570 and make it work? The unit has it's own 110V power supply.

Regards,

Jim

NU6AM

-----  
Message-ID: <000901be2ed3\$66154640\$28cc2499@default>  
From: "Allan D. Fritsche" <fritsche@email.msn.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: EFJ Matchbox  
Date: Wed, 23 Dec 1998 18:20:45 -0600

Hello gang, got a 275 watt version of the matchbox at a club auction the other nite... Probably paid to much but... It needed cleaning badly on the outside, smoke,etc... all is well and it works just fine, Front panel decals all there and all original knobs, no dents , etc and with original manual. It now sits proudly on top of my immaculate Valiant covered with plastic.

I guess my question to the group is.. I finally had to bid \$45.00 to get it. Was that way out of line?  
I have rarely seen this or its big brother on any of my mail lists for sale and yes I know it was only 50 bucks in 1957 ... But ?

Your Friend Al  
KD5CML  
fritsche@email.man.com

-----  
Message-ID: <000d01be2ed5\$1a8b4880\$28cc2499@default>  
From: "Allan D. Fritsche" <fritsche@email.msn.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: PMR-8 Trouble?  
Date: Wed, 23 Dec 1998 18:33:00 -0600

Hi Gang, any of you gurus out there with PMR-8's can tell me how touchy the ANT Tune control on this rig should be, I have aligned this guy once per the manual but still have low sensitivy on 80 meters and up.. The ant tune on this rig is extremely critical and I find that hard to be for a rig really meant for mobile operation.  
Any suggestions.

Al  
KD5CML

fritsche@email.msn.com

-----  
From: CEMILTON@aol.com  
Message-ID: <e4f52ef4.368193ac@aol.com>  
Date: Wed, 23 Dec 1998 20:06:52 EST  
To: Old Tube Radios <boatanchors@theporch.com>  
Mime-Version: 1.0  
Subject: Re: EFJ Matchbox  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

In a message dated 12/23/1998 7:21:41 PM Eastern Standard Time,  
fritsche@email.msn.com writes:

<< It now sits proudly on top of my immaculate Valiant covered  
with plastic. >>

Al,

I submit that your comment says it all-----if it adds to your  
enjoyment, the price was spot on. Is that not the true reason for collecting  
these things? I'll bet your tuner looks great and that it makes you smile  
each time you see it there.

Happy Holidays

73 de KF4LYF, Chuck

K

-----  
Message-Id: <4.1.19981223181210.00ac9b10@mail.bsi2000.com>  
Date: Wed, 23 Dec 1998 18:23:34 -0700  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Jack Harper <jharper@bsi2000.com>  
Subject: Re: HAMMARING ON HAMMARLUND  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 04:33 PM 12/23/98 -0500, John wb2eqg wrote:  
<snip>

>Well, I think the HX-50 was the most egregious example of a just plain poor  
>product that should not have been put on the market until it was reasonably  
>trouble-free and at least somewhat capable of performing as intended and  
>advertised.

>  
<snip>

John -- I have found your remarks on the HX-50 interesting -- scary but interesting. I am, of course, bringing one of these things back to life (well -- trying to at least).

I respect your 20-year history with the HX-50 and hope that I have better luck.

Am I correct that the HX-50 was Hammarlund's first effort at building an amateur transmitter -- I don't know of anything earlier. I do know that they produced the HX-500 a bit later. I have one of those too but it is not in very good shape as it spent the last 30-years or so in the jungles (literally) of Paraguay -- the tales would be interesting, I am sure, if it could speak. The HX-500 is a project for later -- assuming that I don't shoot myself after trying to deal with the HX-50 as you suggest. Perhaps the BA List can take out a hefty life insurance policy on me -- one that pays on suicide -- to defray some of the costs of the List -- any interest Jack?

If the HX-50 was the first transmitter for amateur use by Hammarlund, perhaps it is a good example of a company good (I think so at least) at receivers trying to build a transmitter and messed up with the fundamental design -- did E.F. Johnson ever build a quality high-end (like their transmitters) receiver? Perhaps an interesting lesson in sticking to a market that you know.

Any idea how many HX-50 transmitters were produced (other than the one that you drowned in diesel, burned, chopped in small bits, exorcised, and buried in the landfill after your 20-year Lost Years period)? HX-500?

Best Regards for the Christmas Holidays.

Jack, W0YJ (Friend to all things Hammarlund -- sigh...)

-----  
-----  
Jack Harper  
303-231-9095

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-----  
-----  
-----  
From: zeitler@ibm.net  
Message-ID: <01dd01be2ee0\$e666c780\$c0292581@km3g>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: painting 19 inch rack panels  
Date: Wed, 23 Dec 1998 17:58:16 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Reflectees,  
I have some new 19 inch rack panels that are in need of paint. They have never had any paint or primer. They are shiney metal. These are all aluminum except for one. Is there a spray on product that will stick or do I HAVE to prime them first?? I would prefer to just get a spray can of the right "stuff" and do it all in one evolution.

Lane Zeitler  
KM3G

-----  
Message-Id: <3.0.5.32.19981223210818.00852410@mail1.coastalnet.com>  
Date: Wed, 23 Dec 1998 21:08:18 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Al Parker <anchor@coastalnet.com>  
Subject: Re: painting 19 inch rack panels  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I'd suggest rinsing the aluminum with vinegar after you clean it. The mild acid helps prepare the surface, (slight etching, I think) for better adhesion. (works for me) I believe most Rustoleum says it can be used without primer, but what do you have against the primer? - it'll help fill in any scratches.

73,

73,

Al, W8UT  
New Bern, NC  
Boat Anchors appreciated here  
anchor@coastalnet.com

-----  
Message-Id: <3.0.1.32.19981223202735.0068b938@a.crl.com>



Date: Wed, 23 Dec 1998 20:27:35 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Phil Mills <pmills@a.crl.com>  
Subject: Re: HAMMARING ON HAMMARLUND  
Cc: boatanchors@sco.theporch.com  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>they produced the HX-500 a bit later. I have one of those too but it is

I've been working on my HX-500....and let me tell you one thing, either the VFO is stable or it tracks my R390A perfectly :->

I've still got to get rid of some excessive feed through of the 1590 kc signal into the mixer with the VFO....otherwise I'd be transmitting on two frequencies at once, separated by a mere 60 kc. Anybody got any suggestions for a relatively high Q trap at this frequency?

thanks & 73,  
Phil

Phil Mills AB5TH  
pmills@a.crl.com  
Friendswood, TX

-----  
From: "Ed Tanton" <n4xy@mindspring.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: RE: painting 19 inch rack panels  
Date: Wed, 23 Dec 1998 22:08:50 -0500  
Message-ID: <009501be2eea\$baff48b0\$01010101@n4xy>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Hi Lane... I would NEVER paint almost anything (that was bare to start with) without priming first... and that goes double (don't do the math... 2 times never = ??? I think there must be an "i" or a "j" in there somewhere) for aluminum. I quite agree with also adding a surface prep first. Never have tried the vinegar idea... sounds good tho, but I have used acetone (or MEK-sh-h-h don't let the EPA or FDA or whoever hear about this) followed by a 99% water-free alcohol, and clean cloth/heavy paper towell drying. ANYWHERE you touch the metal at that point adds grease from your fingers-so either always hold it with a towel, or (much better) use the kind of "rubber" gloves you can use around solvents (actually won't be "rubber" at

all.) Then (on aluminum) prime with a good zinc-chromate primer. Follow the instructions on the can + 20%, timewise, and then do the other side. IF there are holes you can suspend the panel from, you can carefully paint both sides... but I greatly prefer a horizontal surface myself: fewer/no drips. When both sides are cured per instructions on the primer can, follow with the regular color paint.

Season's Greetings to you, your family, and the reflector.

P.S. Before everybody regales me with tales of how THEY painted aluminium straight off, without primer, that's fine. More power to you. It is not the right way to do it, and there's no reason to do a half-uh-h-h (in deference to the Holiday Season) halfway job. I don't want to repaint something next week, next month, nor next year. It's just not THAT much trouble to do anything as well as possible-within reason... and a few extra runs (if you'll pardon the expression) of paint requires no tremendous amount of trouble or time. Painting is possibly the home of a couple of great old axioms:

1. Anything worth doing is worth doing well.
2. Why is it some folks never have time to do things right, when they always seem to find the time to do it over.

-----  
Message-Id: <199812240327.TAA23575@mail-gw.pacbell.net>  
From: "Arden Allen" <gumbear@pacbell.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: EFJ Matchbox  
Date: Wed, 23 Dec 1998 19:27:39 -0800  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi Allan;

> I guess my question to the group is.. I finally had to bid \$45.00 to get it.  
> Was that way out of line?

Nope. Right on. The only 275 watter I've seen for less than \$50 is a total wreck that I got for too much at \$25. Y'all did well. Good 'uns get \$65-90. Happy Holidays and a BAfull New Year.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

-----  
Message-Id: <199812240359.TAA03189@mail-gw.pacbell.net>  
From: "Arden Allen" <gumbear@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: painting 19 inch rack panels  
Date: Wed, 23 Dec 1998 19:59:31 -0800  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Howdy Lane;

> .....Is there a spray on product that will stick or do I HAVE to  
> prime them first?? I would prefer to just get a spray can of the right  
> "stuff" and do it all in one evolution.

>From what I've picked up from some know-more-than-me's is that what makes paint stick is when a surface has "tooth". Sanding the metal with an orbital sander is what I've seen done. Etching with a mild acid (Jasco Metal Etch is phosphoric acid) for about 20 minutes in a tepid solution is good except when the aluminum has been chemically treated to resist corrosion. Treated aluminum needs to be sanded. Once the surface is toothy rinse well but don't wipe dry, your new "teeth" will gather lint. I prefer an opaque "sandable" primer laid on just heavily enough to completely cover (sometimes hard to tell). Use a color close to your final coat color. After you get your final coat on it will be weeks before it is durable enough to be able to handle well without marking, it takes time for the paint to polymerize. For those of you who have access to them, a strong UV lamp will do the job in a couple of hours (but be warned, if you don't know about the hazards of UV light find out before you mess with them!). This has been some of my experience but nowhere near expert.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

-----  
Message-ID: <3681E12B.7E7E@mr.net>  
Date: Wed, 23 Dec 1998 22:37:31 -0800  
From: "ROBERT F. KEMP" <rkemp@mr.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Johnson Receivers  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I don't know of any seperate receivers Johnson produced but they did make a very limited production run of the "Avenger" transceiver. Had dual VFO's and was solid state except for the finals. had one many years ago....should have kept it of course, but what the heck!  
Bob

-----

Message-Id: <3.0.5.32.19981223223724.0089b100@mail1.telalink.net>  
Date: Wed, 23 Dec 1998 22:37:24 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Tom Norris <badger@telalink.net>  
Subject: Some basic SP-600JX stuff now online  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I have put some basic Hammarlund SP-600JX info up on the FTP site.  
For the time being I have the schematic, layout and chassis photos,  
maybe will put basic alignment info, etc as well. I probably will not  
attempt to archive the entire manual. The info is for "standard" models  
such as the JX-1, JX-7, etc, but may also be of some use to those with  
LF and diversity models.

Just go to the web page below and click on the Online Manuals  
link, or with an FTP client go directly to fernblatt.dynip.com, log  
in as "boatanchors" with a password of "tubes".

The information is in Adobe Acrobat format.

I am not trying to compete with Robert in putting together a Hammarlund  
page! Just adding more info to the mil manuals I already have online --  
after all, this is an R-274(\*)/FRR. :-)

Speaking fo SP-600's I have lost my shop space at work for things like  
painting, etc for a while. Does anyone refinish front panels for fun at a  
good price? I may just let it stay as it is, just a little rust around the  
edges  
adds character!

73 and Happy Holidays

( and safe ice storm driving!! )

-----  
Please visit The Mil List for info on military communications gear:

[HTTP://www.telalink.net/~badger/millist/mi.html](http://www.telalink.net/~badger/millist/mi.html)

Click on the "Online Manuals..." link for a few  
manuals in PDF format. More to be added  
as time goes by.

ANY and ALL Contributions Welcome.

\*\*\*\*\*

Tom Norris KA4RKT  
badger@telalink.net Nashville, Tennessee, USA

-----

\*\*\*\*\*

-----  
Message-ID: <00a301be2f19\$9a6d6120\$dd1bbfd1@n4fs>  
From: "Mike B. Feher" <n4fs@monmouth.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: Re: painting 19 inch rack panels  
Date: Thu, 24 Dec 1998 00:44:19 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Ed -

There is an "i" or a "j" in there but you forgot "pi". 73 - Mike

Mike B. Feher, N4FS  
89 Arnold Blvd.  
Howell, NJ, 07731  
732-901-9193

-----  
Message-ID: <3681D9A0.7ECA25AE@von1.com>  
Date: Thu, 24 Dec 1998 06:05:20 +0000  
From: ab5wg@von1.com (Ron Eisenbrey)  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: FL2100B Plate Choke Needed  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Anyone have a Yaesu FL2100B Amp that is a parts unit or junker? I need an RF plate choke, the big ceramic one between the 572B's.

Thanks & 73,

Ron, AB5WG

-----  
Message-ID: <36822582.6A65@net-link.net>  
Date: Thu, 24 Dec 1998 07:29:06 -0400  
From: "Gary F. Franklin" <franklin@net-link.net>

MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: FS: New Eimac 4CX1500B  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I have a new, never used Eimac 4CX1500B. Perfect for your 30S-1!

\$300 Shipped

Gary K8BKB

-----  
Date: Thu, 24 Dec 1998 07:39:37 -0500  
From: polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)  
Message-Id: <199812241239.HAA00781@aa4rm.ba-watch.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: AReyno1006@aol.com, onetwo4c@aol.com  
Subject: In case Santa's Martian

Following the suggestions below may increase your chances of getting that hoped-for Squire Sanders or PRC-1 tonight:

- i. leave out a dish of disc ceramic capacitors for his mnish-deer
- ii. a thermos of trichloroethelene to slake his thirst
- iii. a zip-lock bag of radium dial scrapings for the jolly lad to sniff.
- iv. a chafing dish of ceramic-metal tubes for all the nice yuletide boron compounds
- v. A sleigh osha-back-up-bell to lower his profile
- vi. A Wayne Newton LP - considerate martian hors d'ouvre
- vii. A command set creche'. BC946s & BC942s preferred
- viii. NO roman numerals anywhere - he'll laser de-atomise anything with'em since Alitalia bilked several fellow travelers years ago on an oversold DC6 flight to Sicily.

Warning. Required by e-mail police:

Santa just as likely may not be martian. He may be a Wharton MBA & disdain the thought of anything but continuous consumption & burn your house.

BA hum bug... listening to Elvis Christmas LPs via the good offices  
of metal 6L6 amps fence-wire-connected to their spkr.s

-----  
Message-Id: <3.0.5.32.19981224102642.0085e5e0@mail.som-uky.campuscw.net>  
Date: Thu, 24 Dec 1998 10:26:42 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "anthony w. deprato" <tdeprato@som-uky.campuscw.net>  
Subject: old transceivers ??  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

hummm the email about the EF Johnsons transceiver caused my mind to work  
(xyl was stunned)  
and recall that in 1964 i have a big black transceiver. well more like a  
receiver on half the chassie and a transmitter on the other.. made by  
Travis Jefferson ??????or was it the other way around. ?? recall it went  
from 1.5 to 18 mcs. used it on 160 am and cw for a number of years.. never  
did know when it was build weighted a ton..

I hope and wish all the best for everyone this xmas eve and all the best  
for the coming new year.  
73 tony wa4jqs / vp8bz1

-----  
Message-ID: <01BE2F35.3C8872E0@esieb.gmsiworld.com>  
From: Ed Sieb <esieb@gmsiworld.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: EFJ Matchbox  
Date: Thu, 24 Dec 1998 12:02:08 -0500  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

\$45. (USD) for a 250W Matchbox? Not Bad! Pretty much low end of the "market"  
price for this item.

They range from anywhere from \$30. All the way to \$100.+, so you're OK.

Ed VA3ES

-----  
Date: Thu, 24 Dec 1998 12:28:49 -0500  
From: polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)  
Message-Id: <199812241728.MAA00930@aa4rm.ba-watch.org>  
To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: old xcvr / Jefferson Davis??

I know a little re Jefferson Travis (JT350?)

It's an AM thing in Sig Corps radio roster tm 11-487 w/o a 'bc name.'  
A symphony of 807s & loctal tubage.

Some speculate they were sent into villages after capture & ran, among things,  
as BC stn.s when not 2-way'n it.

A pal here has one he wants to sell (~\$250)

Don Merz has one too

Sure is big'n heavy & those CK1006 rectifiers are about all gone too (no  
big prob.)

Marty

-----  
From: "Tom R. Rice" <tomrice@netcom.com>  
Message-Id: <199812241800.KAA03779@netcom11.netcom.com>  
Subject: Re: painting, the way it us'ta be.....  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Thu, 24 Dec 1998 10:00:47 -0800 (PST)  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

Back in the wonderful Fifties, when I worked for  
Ma Bell, we had cans of "Gray Brushing Enamel",  
KS-something or other, which were intended for  
touching up all the stuff in a central office.

I used it for all my rack panels; it would brush  
onto a horizontal surface (primed or pre-painted)  
and, after a few hours, hardened into a beautiful  
smooth coat: no brush marks! A lot better than  
these wasteful, irritating spray cans.

I suspect that this sort of paint could be found  
today in a serious paint store if you want to  
go to the effort. We're talking industrial grade  
here, not home-quality (read watered-down) junk.

Happy Humbug to you all.....



73 de WB6BYH

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"Start off every day with a smile and get it over with." --W.C.Fields

Tom R. Rice

tomrice@netcom.com

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Message-ID: <3682817C.4420238E@geo-thermal.com>

Date: Thu, 24 Dec 1998 12:01:32 -0600

From: Lenox Carruth <carruth@geo-thermal.com>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Radioactive Boatanchors

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Dave Stinson recently wrote a very useful note about radioactive markings in boatanchors. In that article, he expressed a desire that someone publish a list of known radioactive equipment. Here is a list that I have compiled over several years. Some information is from personal knowledge and other data has been contributed by list members and others.

TBX	Meter faces and markings
TBY	Meter faces and markings
TDZ	Telephone channel selector dial

ATD

BC-620	Meter face
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BC-654

BC-659	Meter face
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BC-1335

R-174/GRR-5

R-390	Meter faces (original meters)
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R-390A	Meter faces (original meters)
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R-392	Meter faces (original meters)
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T-195

Knobs	Many military knobs have a radioactive marking
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Switches	Ends of some toggle switches are radioactive
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Tubes

0A2, 0A2WA

0A3

0B2

0C3

0E3 (5783WA)  
85A2  
372A  
395A (5823 gas triode)  
5651, 5651A  
6081  
6143  
MPT47, MPT47B

Note that tube radioactivity is internal. They are safe unless broken.  
Some tubes are radioactive in military versions only.

Aircraft Instruments - Virtually all older aircraft instruments are  
radioactive. This probably includes all instruments manufactured  
through the sixties and, perhaps, well into the seventies.

In general, it is not necessary to have a radiation monitoring  
instrument to determine which markings are radioactive and which are  
not. Radium paint is much thicker than the normal printed or silk  
screened markings. It is also, typically, light yellow with an  
occasional slight greenish tint. Older markings tend to turn brown. Do  
not be fooled by markings which do not glow in the dark! Old radium  
paint loses its capacity to fluoresce but does not lose its  
radioactivity. Radium i226 is a gamma and alpha emitter and has a half  
life of 1622 years so it won't go away soon.

Modern military equipment that glows in the dark uses tritium sealed in  
glass vials. Tritium is a beta emitter with a half life of 12.26  
years. It is safe unless you eat the glass vials being sure to chew  
each bite like your mother taught you.

--

Lenox

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Lenox Carruth                      Dallas, TX                      carruth@geo-thermal.com  
Collector of WW-II Communications Equipment and Memorabilia

Wanted:        TCS-14 Transmitter,        TBX,        BD-71,        Sextant  
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End of BOATANCHORS Digest 2350  
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